

## WEST Search History for Application 10537825

**Creation Date: 2008060723:38**

Query	DB	Op.	Plur.	Thes.	Date
20060061719	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			03-29-2008
substrates same liquid crystal layer same electrodes same alignment layer same (polarized near light)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			03-29-2008
alignment with polyimide	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			03-29-2008
(plurality or active elements) with electrodes	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			03-29-2008
(substrates same liquid crystal layer same electrodes same alignment layer same (polarized near light) ) and (alignment with polyimide ) and ((plurality or active elements) with electrodes )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			03-29-2008
us-5731405-\$.did.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			03-29-2008
(us-5731405-\$.did. ) and (polyimide or polyamic acid) and \$tetracarboxylic acid dianhydride	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			03-29-2008
us-5731405-\$.did. and (vertical\$ or perpendicular\$)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			03-29-2008
(20060061719 ) and (vertical\$ or perpendicular\$) and parallel\$	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			03-29-2008
(us-5731405-\$.did. ) and ((polariz\$ or light)same	PGPB, USPT,	ADJ			03-29-2008

liquid crystal) and (vertical\$ or perpendicular\$) and parallel\$	USOC, EPAB, JPAB, DWPI, TDBD				
(us-5731405-\$.did. ) and tilt\$ angle	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			03-29-2008
(substrates same liquid crystal layer same electrodes same alignment layer same (polarized near light) and alignment with polyimide and (plurality or active elements) with electrodes ) and aromatic diamine	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			03-29-2008
us-5928733-\$.did. and diamine	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			03-29-2008
(polyimide or polyamid acid) with glass transistion temperature	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-29-2008
((polyimide or polyamid acid) same (cyclobutane\$ same diamine) ) and glass transistion temperature	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-29-2008
4835249 and glass transistion temperature	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-29-2008
(20060061719 ) and (pre-tilt or pretilt) angle	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-29-2008
liquid crystal\$ layer with (pre-tilt or pretilt) angle with less with (1 or one)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-29-2008
20060061719	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			06-07-2008
(20060061719 ) and 111 and 112 and 110 and 106 and 108 and 114 and 113 and 116 and 107	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			06-07-2008

(20060061719 ) and component	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			06-07-2008
substrates same liquid crystal layer same electrodes same alignment layer same (polarized near light)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			06-07-2008
alignment with polyimide	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			06-07-2008
(plurality or active elements) with electrodes	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			06-07-2008
(substrates same liquid crystal layer same electrodes same alignment layer same (polarized near light) ) and (alignment with polyimide ) and ((plurality or active elements) with electrodes )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			06-07-2008
us-5731405-\$.did.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			06-07-2008
(us-5731405-\$.did. ) and (polyimide or polyamic acid) and \$tetracarboxylic acid dianhydride	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			06-07-2008
us-5731405-\$.did. and (vertical\$ or perpendicular\$)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			06-07-2008
(20060061719 ) and (vertical\$ or perpendicular\$) and parallel\$	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			06-07-2008
polarized near light	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			06-07-2008
(us-5731405-\$.did. ) and ((polariz\$ or light)same liquid crystal) and (vertical\$ or perpendicular\$) and parallel\$	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			06-07-2008

(us-5731405-\$.did. ) and tilt\$ angle	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			06-07-2008
(us-5731405-\$.did. ) and (alignment layer same nm)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			06-07-2008
(us-5731405-\$.did. ) and alignment layer	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			06-07-2008
(us-5731405-\$.did. ) and transition temperature	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			06-07-2008
(substrates same liquid crystal layer same electrodes same alignment layer same (polarized near light) and alignment with polyimide and (plurality or active elements) with electrodes ) and aromatic diamine	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			06-07-2008
us-5928733-\$.did. and diamine	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			06-07-2008
(us-5731405-\$.did. ) and degree	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			06-07-2008
(us-5731405-\$.did. ) and (degree with crystal)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			06-07-2008
(pre-tilt\$ angle near2 degree) with liquid crystal layer	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			06-07-2008
pre-tilt\$ angle with "less tanh" near2 degree	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			06-07-2008
pre-tilt\$ angle with "less than" near2 degree	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			06-07-2008

pre-tilt\$ angle near2 degree	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			06-07-2008
pre-tilt\$ angle near2 one degree	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			06-07-2008
20060061719	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			06-07-2008
(20060061719 ) and pre-tilt\$ angle	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			06-07-2008
(20060061719 ) and one degree	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			06-07-2008
(20060061719 ) and one degree	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			06-07-2008
pretilt\$ angle near2 one degree	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			06-07-2008
us-6103862-\$.did.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			06-07-2008
(us-6103862-\$.did. ) and (pretilt\$ or pre-tilt\$) angle	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			06-07-2008
(us-6103862-\$.did. ) and (pretilt\$ or pre-tilt\$) angle and polyi\$	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		06-07-2008
(pretilt\$ angle with one degree) same polyimide	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		06-07-2008

(us-5731405-\$.did. ) and electrode	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		06-07-2008
(us-5731405-\$.did. ) and electrode and common and pixel	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		06-07-2008
(us-5731405-\$.did. ) and electrode and common	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		06-07-2008
(electrode with common with pixel) and (common with (aluminum or al or cr or mo or ta or W))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		06-07-2008
(common with pixel with parallel) same bending structure	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		06-07-2008
((electrode with common with pixel) and (common with (aluminum or al or cr or mo or ta or W)) ) and (common with pixel with parallel)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		06-07-2008
((electrode with common with pixel) and (common with (aluminum or al or cr or mo or ta or W)) ) same (common with pixel with parallel)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		06-07-2008
(electrode with common with pixel) same(common with (aluminum or al or cr or mo or ta or W))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		06-07-2008
((electrode with common with pixel) same(common with (aluminum or al or cr or mo or ta or W)) ) same parallel	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		06-07-2008
us-6433764-\$.did.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		06-07-2008
(us-6433764-\$.did. ) and (titanium oxide or zinc oxide or zno)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		06-07-2008

(us-6433764-\$.did. ) and transparent	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		06-07-2008
(us-6433764-\$.did. ) and transparent	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		06-07-2008
(us-6433764-\$.did. ) and (transparent with electrode)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		06-07-2008
(us-6433764-\$.did. ) and (transparent with electrode) and oxide	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		06-07-2008
(us-6433764-\$.did. ) and oxide	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		06-07-2008
((electrode with common with pixel) same(common with (aluminum or al or cr or mo or ta or W)) same parallel ) and oxide	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		06-07-2008
((electrode with common with pixel) same(common with (aluminum or al or cr or mo or ta or W)) same parallel ) and oxide and insulat\$	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		06-07-2008
alignment with liquid crystal\$ with direction	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		06-07-2008
(alignment with liquid crystal\$ with direction ) and ((electrode with common with pixel) same(common with (aluminum or al or cr or mo or ta or W)) same parallel and oxide and insulat\$ )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		06-07-2008
(alignment with liquid crystal\$ with direction and (electrode with common with pixel) same(common with (aluminum or al or cr or mo or ta or W)) same parallel and oxide and insulat\$ ) and organic insulat\$	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		06-07-2008
20060061719 organic insulat\$	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		06-07-2008

20060061719 and organic insulat\$	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		06-07-2008
(20060061719 organic insulat\$ ) and two wavelength	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		06-07-2008
(20060061719 organic insulat\$ ) and two wavelengths	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		06-07-2008
(20060061719 and organic insulat\$ ) and two wavelength	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		06-07-2008
(two wavelengths same polariz\$ light)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		06-07-2008
((two wavelengths same polariz\$ light) ) same alignment	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		06-07-2008
((two wavelengths same polariz\$ light) ) same liquid crystal\$	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		06-07-2008
(two wavelengths with polariz\$ light) same liquid crystal\$	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		06-07-2008
(us-5731405-\$,did. ) and polariz\$	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		06-07-2008
(us-5731405-\$,did. ) and (polariz\$ same wavelength\$)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		06-07-2008
(us-5731405-\$,did. ) and irradiat\$	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		06-07-2008



(us-5731405-\$.did. ) and (uv or ultralight or ir or infrared or heat\$)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		06-07-2008
(20060061719 and organic insulat\$ ) and (uv or ultralight or ir or infrared or heat\$)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		06-07-2008
(us-5731405-\$.did. ) and (alignment same heat\$)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		06-07-2008